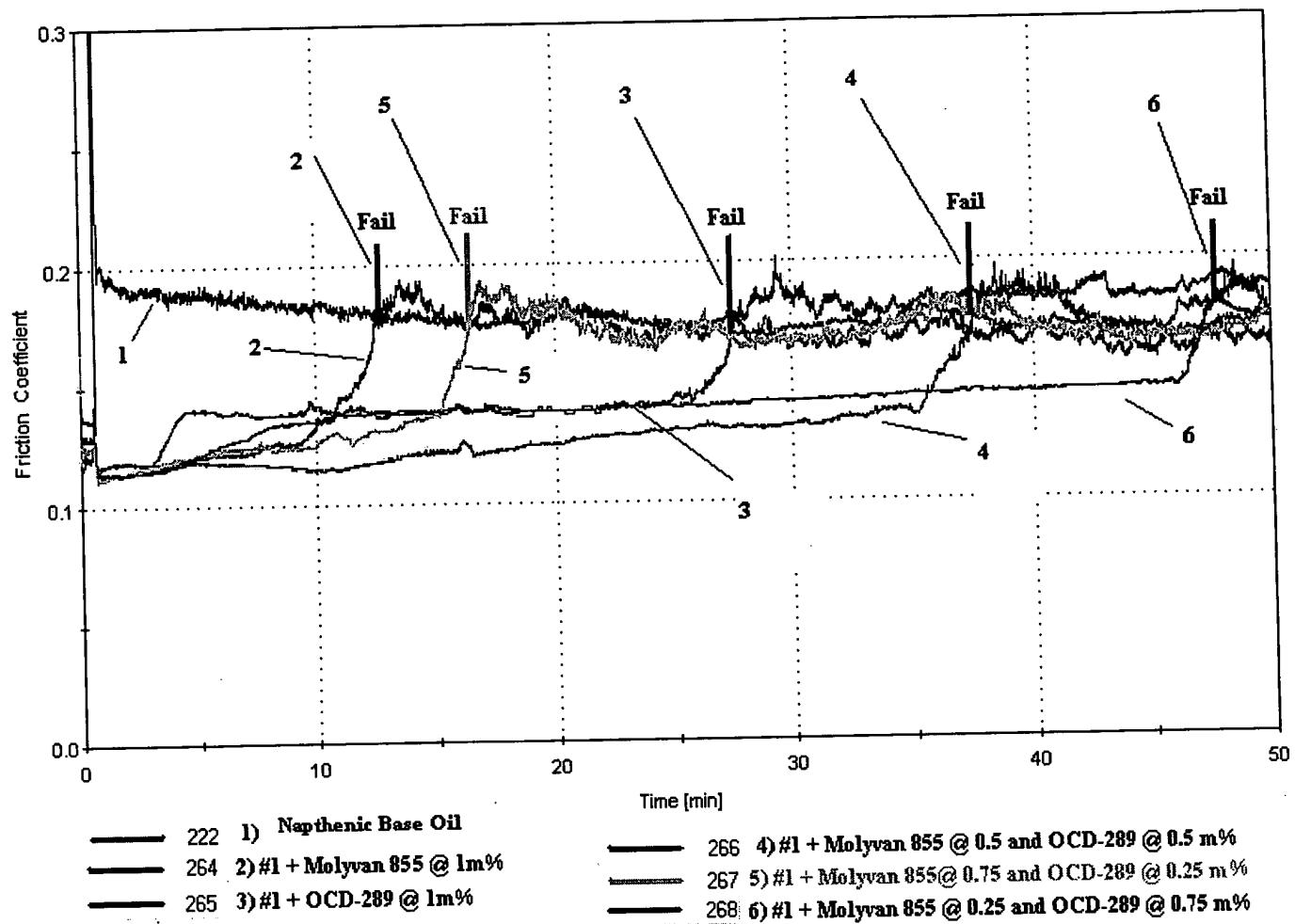


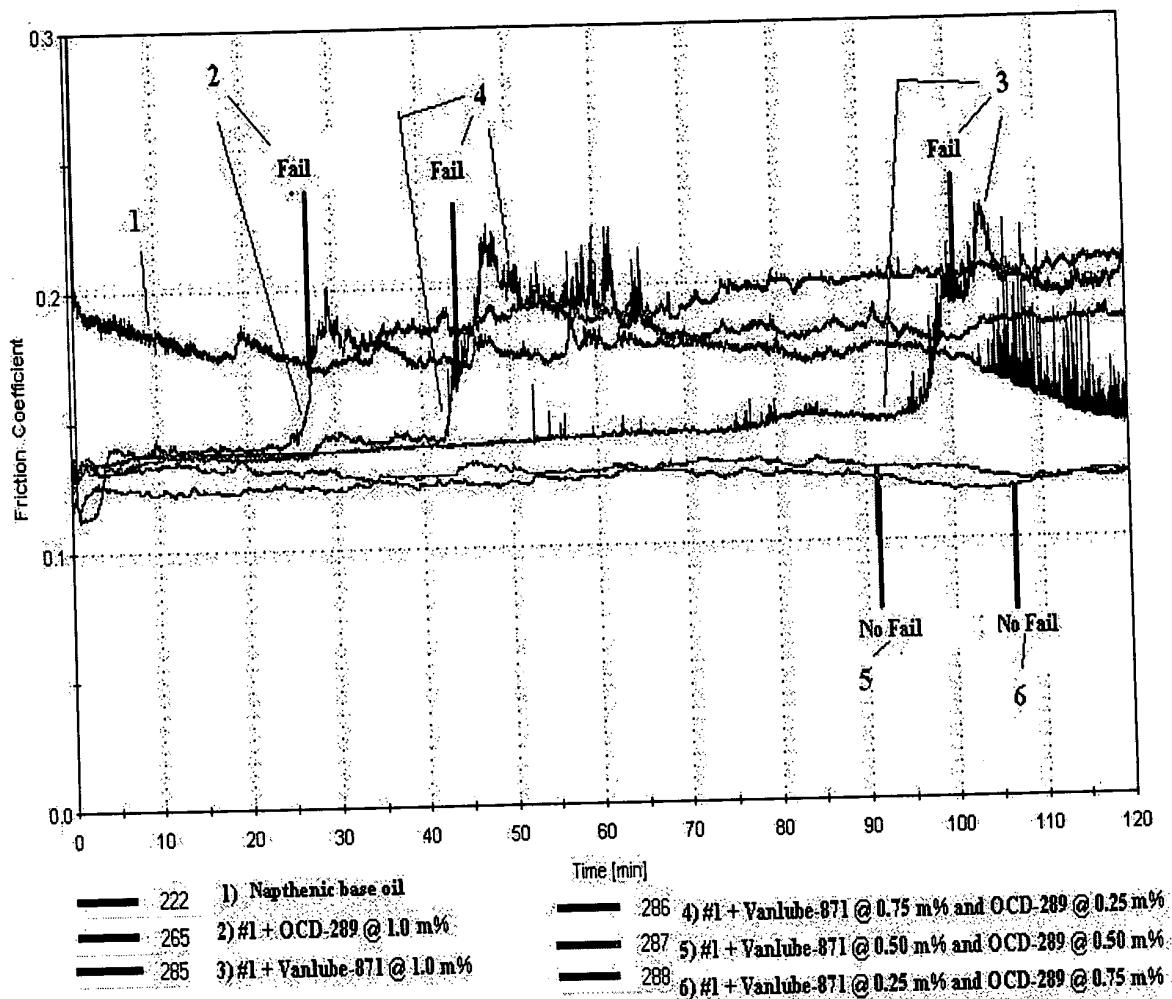
## Evaluation of Friction Reducers by ASTM D5707 (SRV)



ASTM D5707 SRV : 200 N; 50Hz ;80C; 1.00 mm stroke; 50 minutes; ball on disk

FIGURE 1

## Evaluation of Friction Reducers by ASTM D5707-SRV



ASTM D5707-SRV: 200 N ; 50 Hz ; 80°C ; 1.0 mm stroke ; 120 minutes ; ball on disk

FIGURE 2

## SYNERGISTIC ORGANOBORATE COMPOSITION with ZDDP

Evaluated by ASTM D5707 SRV @ 1000N newtons (run to failure)

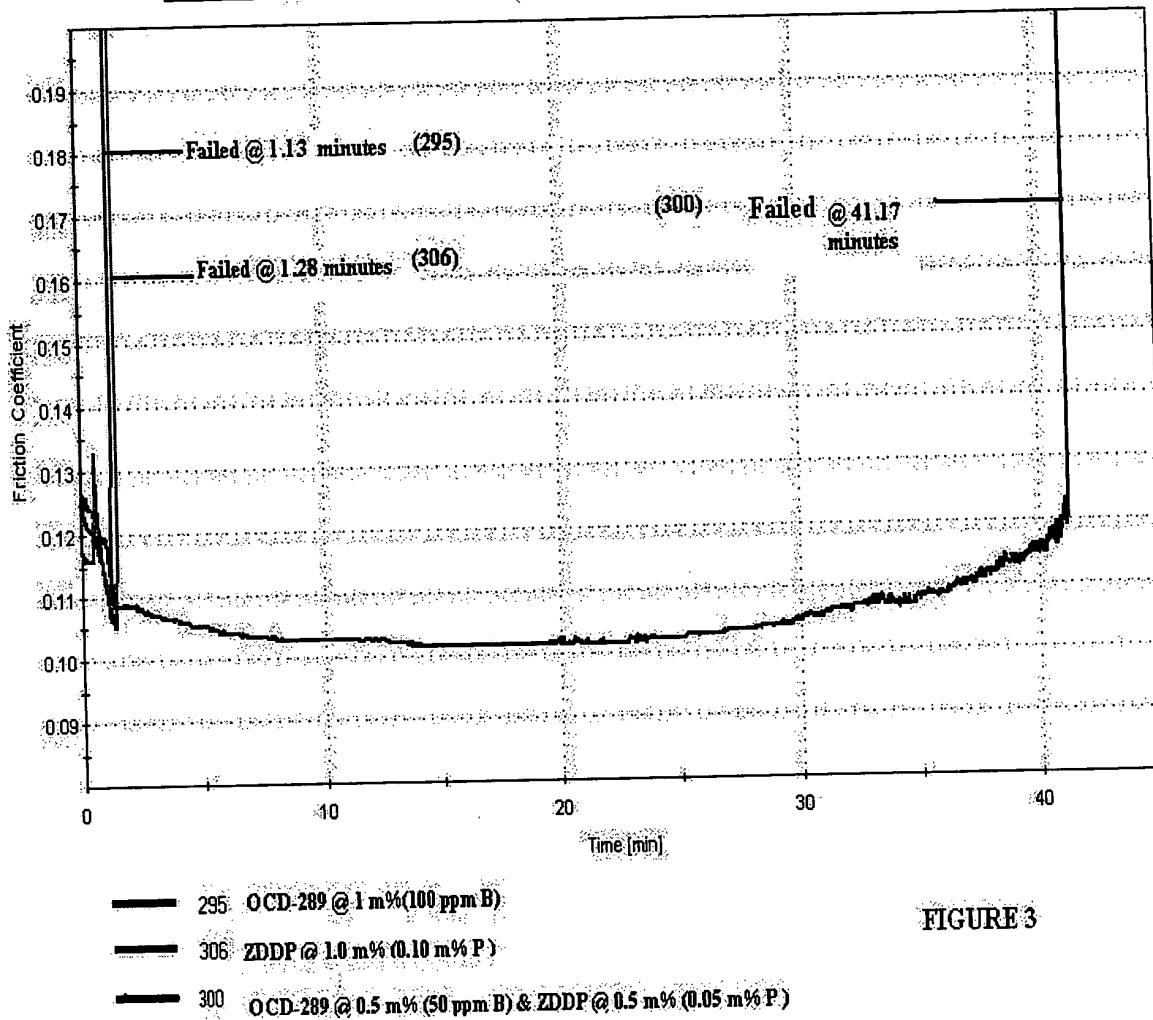


FIGURE 3

ASTM D5707 SRV : 1000 N ; 50 Hz ; 1 mm stroke ; 80°C ; run to failure ; ball on disk